February 12, 2010
Karl tightens set screws on the bottom of the rail.
The stainless steel lock for the shutter is visible, held in place with the Phillips head screw. After we insert the shutter, we will rotate the lock in place and tighten the screw.
All twelve of the coils (8 injection, 4 racetrack for the MOT) are color coded with UHV beads.
Beginning to insert the rail, attached to the coil packages, into the part of the vacuum chamber that contains all of the coils.
Steven holds the chamber in place while Karl guides the rail through.
About halfway in.
Almost there.
Trying to insert the coil packages without scratching the kapton coating off the coils. As we found out though, we were not entirely successful.
Trying to line up all four layers (chamber, canister, injection package, stainless steel), each of which can independently rotate.
Adjusting the height of the supports to better hold the piece.